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on October 30, 2009
TOWNSEND and TOWNSEND and CREW LLP
By Shannon O'Connor
Shannon O'Connor

PATENT
Attorney Docket No.: A7600P1/T51700
TTC No.: 016301-051700US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Hemant P. Munegkar et al.

Application No.: 10/660,813

Filed: September 12, 2003

For: REACTIVE ION ETCHING FOR
SEMICONDUCTOR DEVICE
FEATURE TOPOGRAPHY
MODIFICATION

Customer No.: 57385

Confirmation No.: 7055

Examiner: Rodney Glenn McDonald

Art Unit: 1795

TRANSMITTAL LETTER -
RESPONSE TO SUPPLEMENTAL
NOTICE OF ALLOWABILITY

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the Supplemental Notice of Allowability, dated September 30, 2009,
enclosed are the following to be made of record in the above-identified application:

- 1) Utility Patent Application Transmittal (as filed 9/12/09);
- 2) Combined Declaration and Power of Attorney (as filed 9/12/09);
- 3) Application Data Sheet (as filed 9/12/09);
- 4) Transmittal of New Application (as filed 9/12/09);

The Commissioner is hereby authorized to charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to Deposit Account No. 20-1430.

Respectfully submitted,

/Jason A. Sanders/

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62289967 v1

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(a))

Attorney Docket No. A8067/T51700

First Inventor Mungekar, Hemant P.

Title REACTIVE ION ETCHING FOR SEMICONDUCTOR DEVICE FEATURE TOPOGRAPHY MODIFICATION

Express Mail Label No. 1 EV3411101624S

APPLICATION ELEMENTS

See MPEP chapter 500 concerning design patent application contents.

Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)

Applicant claims small entity status. See 37 CFR 1.27.

Specification [Total Pages 32]

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

Drawing(s) (35 U.S.C. 113) [Total Sheets 12]

5. Combined Declaration and POA [Total Pages 4]

- Newly executed (original or copy)
- Copy from a prior application (37 CFR 1.63 (d)) (for a continuation/divisional with Box 18 completed)

i. **DELETION OF INVENTOR(S)** Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No. 10/278,861

Prior application information: Examiner Not yet assigned

Art Unit 1762

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS Customer NumberOR Correspondence address below

Name	Patent Counsel, M/S 2061		
Applied Materials, Inc.			
Address	Legal Affairs Department		
P.O. Box 450A			
City	Santa Clara	State	CA
Country	Telephone		Fax

Name (Print/Type)	Robert W. Mulcahy	Registration No. (Attorney/Agent)	25,438
Signature			Date SEPT. 12, 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Mail Stop Patent Applications, P.O. Box 1450, Alexandria, VA 22313-1450. 60033271 v1 If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- original
- divisional
- continuation
- continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

REACTIVE ION ETCHING FOR SEMICONDUCTOR DEVICE FEATURE TOPOGRAPHY MODIFICATION

SPECIFICATION IDENTIFICATION

The specification of which:

- is attached hereto
- was filed on _____, under Application No. _____, executed on even date herewith; or
- Express Mail No. _____ (as Application No. not yet known)
and was amended on _____ (if applicable)
- was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

No such applications have been filed.

Such applications have been filed as follows:

A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No.</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:

Application No:

Filing date:

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

No such applications have been filed

Such applications have been filed, as follows:

<u>Application No.</u>	<u>Filing Date</u>	<u>Patented</u>	<u>Pending</u>	<u>Status</u> <u>Abandoned</u>
10/279,961	10/23/2002		X	

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
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Patent Counsel, MS/2061 Legal Affairs Dept. Applied Materials, Inc. P.O. Box 450A Santa Clara, CA 95052	Patrick M. Boucher (303) 571-4000
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DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor: HEMANT P. MUNGEKAR

Inventor's signature: HP Mungekar Date: 09/10/03

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Inventor's signature: Anjana Patel Date: 09/10/03

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Full name of third inventor: MANOJ VELLAIKAL

Inventor's signature: Manojoy Vellaiyal Date: 9/11/03

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Inventor's signature: Anchuan Wang Date: 9-10-03

Country of Citizenship: Peoples Republic of China

Full name of fifth inventor: BIKRAM KAPOOR

Inventor's signature: Bikram Kapoor Date: 9/11/03

Country of Citizenship: India

(Declaration ends with this page)

60013306 v1

Application Data Sheet

Application Information

Application Type::	Regular
Subject Matter::	Utility
Title::	REACTIVE ION ETCHING FOR SEMICONDUCTOR DEVICE FEATURE TOPOGRAPHY MODIFICATION
Attorney Docket Number::	A8067/T51700
Request for Early Publication::	No
Request for Non-Publication::	No
Total Drawing Sheets::	12
Small Entity?::	No
Petition included?::	No
Secrecy Order in Parent Appl.::	No

Applicant Information

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Primary	37,771	Joseph Bach
Primary	43,855	Loretta A. Peters
Primary	37,165	Raymond Kam-On Kwong
Primary	35,412	James C. Wilson
Primary	25,436	Robert W. Mulcahy
Primary	27,431	Robert C. Colwell
Primary	41,405	Chun-Pok Leung
Primary	40,456	Patrick R. Jewik
Primary	39,496	Kent J. Tobin
Primary	44,037	Patrick M. Boucher

Domestic Priority Information

Application:: Continuity Type:: Parent Application:: Parent Filing Date::
This Application Continuation-in-part of 10/279,961 10/23/02

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Postal or Zip Code of mailing address:: 95054

Attorney Docket No.: A8067/T51700
AMAT No.: 008067/DSM/HDP/CVD/JW
TTC No.: 016301-051700US

PATENT APPLICATION

REACTIVE ION ETCHING FOR SEMICONDUCTOR DEVICE FEATURE TOPOGRAPHY MODIFICATION

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